

Contractor: Covenant Constructors, LLC

Plant: Beaver Dam, KY



Spec: Storm
Type: STM.MH
Size: 60"

Rim: 572.66'
Invert: 568.64'
Rim to Invert: 4.02'

Sump: 3"
Floor (Top): 568.39'
Floor Height: 8"

Floor (Bot): 567.723'
Overall Height: 4.917'
Slack: 0.24"

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,500 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (JBS 1150 F/C)

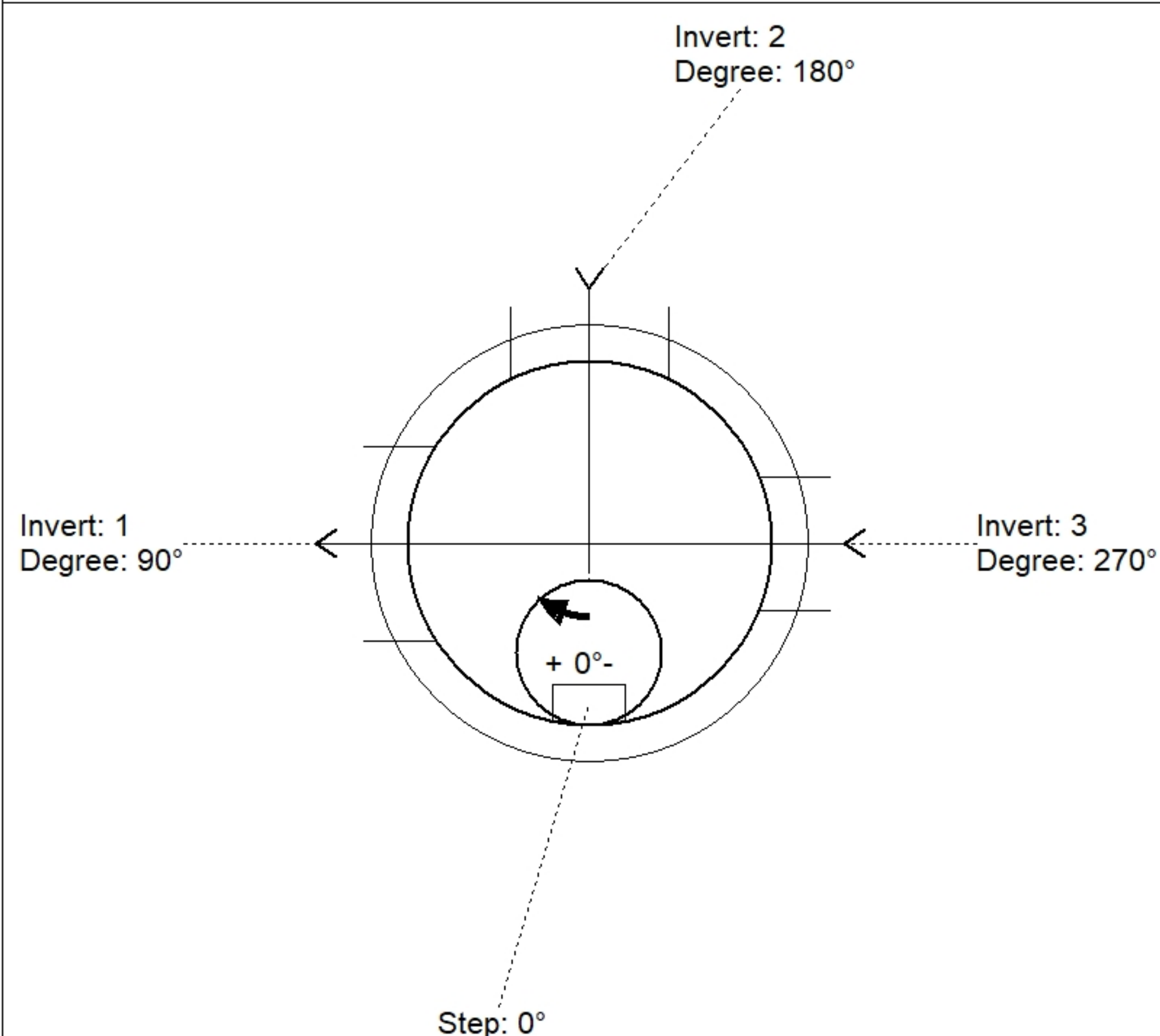
REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB H2O LOADING..
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

P3) 24" - CASTING HEIGHT - 7"
P2) 60" - MH FLAT TOP w/ 24" ECC Hole F/F - 8"
P1) 60" - MH BASE Custom Ht F/n - 36"
1) CASTING - JBS 1150 F/C STORM
1) 60" - Conseal CS-102 1.00"
1) 24" - Conseal CS-102 1.00" (Double)
1) Hole - 32
1) Hole - 26
1) Hole - 22
3) MH Step ML-10-TDS-NCR - 10"

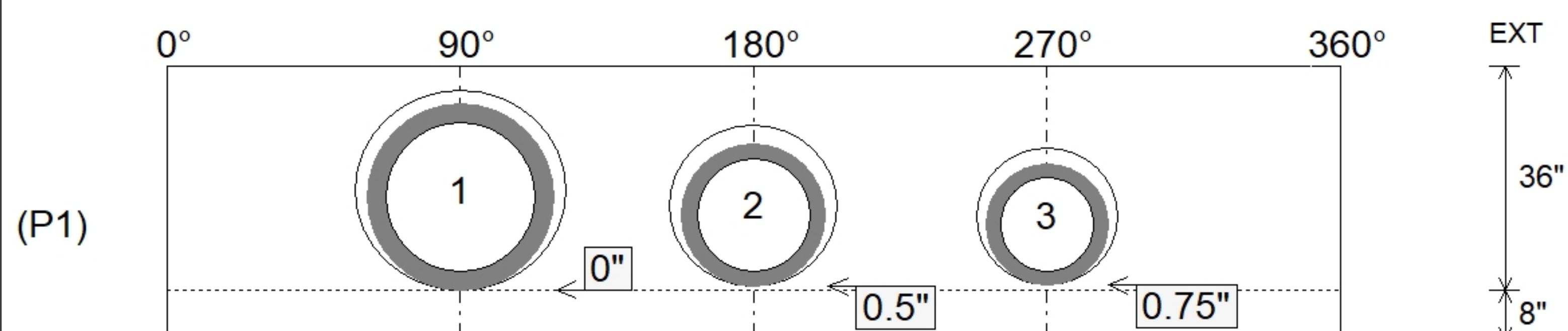
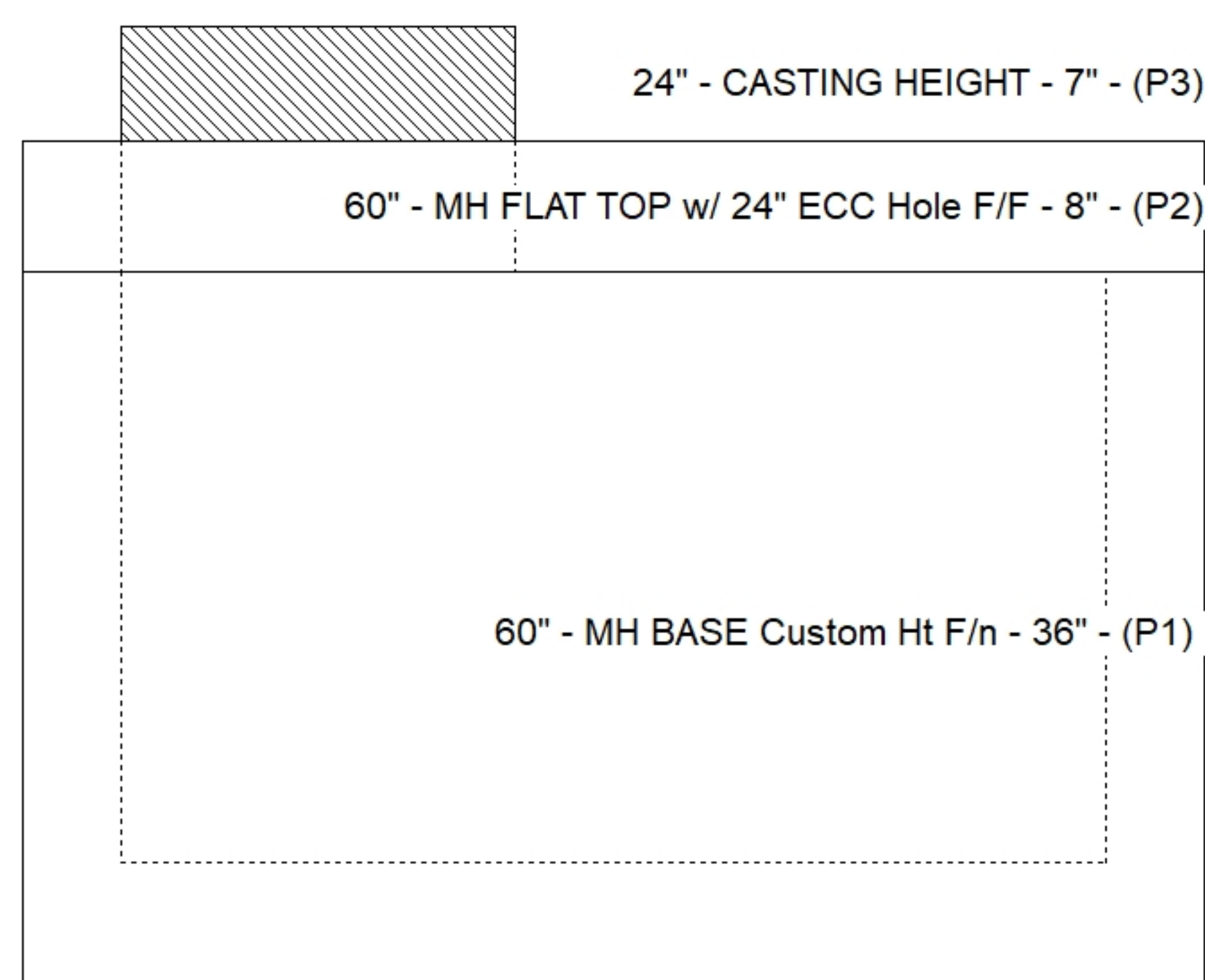
0 lb
2429 lb
5598 lb
250 lb
0 lb
0 lb
0 lb
0 lb
0 lb
0 lb

Structure Total: 8277 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (')	Ref
Rim	572.66'							
Reducer								
Invert 1	568.64'	90°	24" RCP B WALL	30"	32"	Hole 32	0"	P1
Invert 2	568.64'	180°	18" RCP B WALL	23"	26"	Hole 26	0.5"	P1
Invert 3	568.64'	270°	15" RCP B WALL	19.5"	22"	Hole 22	0.75"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
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SUBMITTAL
APPROVED BY: